MODEL 2018ECL-LAX

RMS Signal Monitor

Operations Manual

Addendum to the 2018ECL Operations Manual

Firmware Version 18AL14xx

1) Red Failure Monitoring
Add the following sentence to Section 2.2 and Section 4.2:
The SSM Switch for each channel must be in the ENABLE position to enable Red Fail Monitoring for that channel.

2) Multiple Indication Monitoring
Modify the following sentence in Section 2.3:
GYR-Dual Indication Monitoring is disabled for all channels when the Red Enable input is not active or the EE input (MC Coil) is active. GY Dual Indication is not affected by the SSM switch state.

3) Special Function Preempt Inputs (SF1,2)
Change section 4.1.2 Special Function Preempt Inputs and Figure 4-1 to read:
Special Function input #2 is DISABLED.

4) AC Line Brownout Detection
Change section 2.5 and 2.5.1:
The Stop Time output will only be enabled during a latched fault condition. It will not be enabled during an AC Line brownout condition or during the minimum flash interval.
Change section 2.5.1:
Following a power-up, an AC Line interruption, or a brownout restore, the unit will time a flash interval of at least **4** seconds and at most 10 seconds in duration. During this interval the unit will suspend all fault monitoring functions and close the Output relay contacts. The AC indicator on the front panel will flash at a rate of 4Hz.
The flash interval will be terminated after at least **4** seconds if the Watchdog input has made 5 transitions between the True and False state and the AC Line voltage is greater than the restore level.

5) EE input (MC Coil)
The Active polarity of the EE Input has been inverted (SEL9 installed).
Pin EE Input   (active, Flash mode)...................................... less than 50 Vrms

(not active, RYG signals mode)................ greater than 70 Vrms

6)   Option Switch Defaults
        The Option switch RF2010 (SW1-1) is always On in the firmware regardless of the switch position.
        The Option switch RP DISABLE (SW1-2) is always Off in the firmware regardless of the switch position.
        The Option switch WD 1.0 SEC(SW1-3) is always On in the firmware regardless of the switch position.
        The Option switch LEDguard (SW1-6) is always On in the firmware regardless of the switch position.
        The Option switch RFSSM (SW1-7) is always On in the firmware regardless of the switch position.

6)   Configuration Change Fault
        Both the button Reset and External Reset require a 5 second input to clear a Configuration Change fault.